Concept –Matrices					
Matrices are arrays used to store data.					
		[173	57	18	86]
		179	58	19	82
		167	62	18	96
		D = 195	84	18	71
		173	64	18	90
		184	74 60	22	78
		1/5	50	34	70
		[140	50	54	
In this topic we always write the number of first then the number of					
A row matrix					
A column matrix					
 How to - Make a matrix with CAS 1. On a page press to open the templates. 2. Choose the big matrix template then type in the number of rows and the templates. 					
To solve the metric of your dep/t have to ture it in group time proce					
3. To save the matrix so you don't have to type it in every time press $____$					
Examples:					
A survey of primary and secondary students asked students to compare the number of friends they have in real life to those of social media. The results are in the table below. Represent this information in a matrix labelled A.					
Attitude	Primary	Secondary		A =	=
Fewer	5	2			
Same	29	9			in the sector of this work in D
More	33	36	W	hat i	is the order of this matrix?
What is element a ₃₂ , and what does this represent from the table? What was the total number of Primary students?					

Concept – Matrices and Networks

Recall that matrices can be used to represent networks. For example:

The network diagram drawn shows the ways to travel between three towns, A,B and C.

a. Use a matrix to represent the connections. Each element should describe the number of ways to travel directly from one town to another.

b. What information is given by the sum of the second column of the matrix?

Worked Examples

Draw a matrix, labelled X, with at least 5 columns and 4 rows. Write the order of your matrix and clearly identify element x_{32} .